



09/758,715

45. (CURRENTLY AMENDED) A high reflectivity micro mirror, comprising:

a homogeneous monolithic bulk crystal silicon having an anisotropic body with several crystalline planes;

a fixed mirror surface co-extensive with an anisotropically etched portion of a selected one of the several crystalline planes, the mirror surface being positioned internally within the body, with only that portion of the selected crystalline plane required as the mirror surface being exposed; and

an inlet passage and an outlet passage anistropically etched independent of crystalline planes, which intersect at the selected ~~one of the several~~ crystalline planes.

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NOV 21 2003  
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